

Permit to Operate

FACILITY: S-1810

EXPIRATION DATE: 05/31/200

LEGAL OWNER OR OPERATOR: CONTAINMENT SOLUTIONS INC.

MAILING ADDRESS: 2600 PEGASUS DR
BAKERSFIELD, CA 93308

FACILITY LOCATION: 2600 PEGASUS DR
BAKERSFIELD, CA 93308

FACILITY DESCRIPTION: TANK MANUFACTURING

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

DAVID L. CROW

Executive Director / APCO

Seyed Sadredin

Director of Permit Services

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-1810-0-1

EXPIRATION DATE: 05/31/2004

EQUIPMENT DESCRIPTION:

PERMIT UNIT REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)], [Federally Enforceable Through Title V]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)], [Federally Enforceable Through Title V]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0], [Federally Enforceable Through Title V]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (7/21/94). [District Rule 2010, 3.0 and 4.0; 2020; and County Rule 201 (in all eight counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1], [Federally Enforceable Through Title V]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031], [Federally Enforceable Through Title V]
7. Every application for a permit required under Rule 2010 (12/17/92) (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040], [Federally Enforceable Through Title V]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1], [Federally Enforceable Through Title V]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1], [Federally Enforceable Through Title V]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520(6/15/95) [District Rules 2520, 9.6.2 and 1100, 7.0], [Federally Enforceable Through Title V]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8], [Federally Enforceable Through Title V]

Initial TV Permit

13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.2], [Federally Enforceable Through Title V]
14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3], [Federally Enforceable Through Title V]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4], [Federally Enforceable Through Title V]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5], [Federally Enforceable Through Title V]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10], [Federally Enforceable Through Title V]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1], [Federally Enforceable Through Title V]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2], [Federally Enforceable Through Title V]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3], [Federally Enforceable Through Title V]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4], [Federally Enforceable Through Title V]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (12/17/92), by using EPA method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)], [Federally Enforceable Through Title V]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repack such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1], [Federally Enforceable Through Title V]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1 (12/17/92)), nor manufacture, blend, or repack such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601 (12/17/92). [District Rule 4601, 5.2], [Federally Enforceable Through Title V]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4], [Federally Enforceable Through Title V]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5], [Federally Enforceable Through Title V]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2 (12/17/92). [District Rule 4601, 6.1 and 6.2], [Federally Enforceable Through Title V]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official [District Rule 2520, 9.14.1 and 10.0], [Federally Enforceable Through Title V]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F], [Federally Enforceable Through Title V]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. [40 CFR Part 82, Subpart B], [Federally Enforceable Through Title V]

Initial TV Permit

31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 (4/25/96) unless specifically exempted under section 4 of Rule 8020 (4/25/96). [District Rule 8020], [Federally Enforceable Through Title V]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030 (4/25/96), unless specifically exempted under section 4 of Rule 8030 (4/25/96). [District Rule 8030], [Federally Enforceable Through Title V]
33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after December 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 (4/25/96) unless specifically exempted under section 4 of Rule 8060 (4/25/96). [District Rule 8060], [Federally Enforceable Through Title V]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M], [Federally Enforceable Through Title V]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17], [Federally Enforceable Through Title V]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2], [Federally Enforceable Through Title V]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permit shall apply. [District Rule 2520, 9.1.1], [Federally Enforceable Through Title V]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), Rules 201, 202, 203, 204, 208, and 209 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin), Rule 410.1 (Kern), and Rule 423 (Kern, Fresno, Stanislaus, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
40. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
41. The facility shall comply with all applicable requirements regarding preparation and implementation of a Risk Management Plan and shall abide by all applicable sections of 40 CFR Part 68. [40 CFR Part 68], [Federally Enforceable Through Title V]
42. On April 28, 2000, the initial Title V permit was issued. The reporting periods for the Report of Required Monitoring and the Compliance Certification Report are based upon this initial permit issuance date, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days of the end of the reporting period. [District Rule 2520], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-1810-1-5

EXPIRATION DATE: 05/31/2004

EQUIPMENT DESCRIPTION:

183.5 HP FIBERGLASS TANK SHELL PRODUCTION OPERATION, LINE NO. 1, INCLUDING TWO TANK/END CAP FORMING MACHINES, MATERIAL APPLICATION EQUIPMENT, RESIN HANDLING SYSTEM, TANK FORMING MACHINES' VAPOR VENTILATION SYSTEM, AND STRAP MOLDING OPERATION

PERMIT UNIT REQUIREMENTS

1. Ventilation system shall consist of a 20,000 cfm blower and two hoods, one at each mandrel, equipped with dampers and exhaust gas filters. [District NSR Rule], [Federally Enforceable Through Title V]
2. Mixed resin for tank manufacturing line #1 shall contain no more than 8,300 lb/day of raw resin w/ 45% +/- 2% styrene. Resins used shall be low VOC specialty resins as defined in District Rule 4684 (Adopted 5/19/94). [District NSR Rule; District Rule 4684, 5.1], [Federally Enforceable Through Title V]
3. Mixed resin for permit units S-1810-1, -2, -3, and -4 combined shall contain no more than 680 lb/day of peroxide catalyst, 111 lb/day of cobalt, 17,365 lb/day sand, and 24,428 lb/day of glass. [District NSR Rule], [Federally Enforceable Through Title V]
4. Resin for tank wall forming shall only be poured onto mandrels. [District NSR Rule], [Federally Enforceable Through Title V]
5. Stored resin shall not be heated above 90 degrees F. [District NSR Rule], [Federally Enforceable Through Title V]
6. Only airless spray guns shall be utilized for spray application of polyester resin. [District NSR Rule; District Rule 4684, 5.1.2], [Federally Enforceable Through Title V]
7. Only water-based solvents containing no volatile organic compounds shall be used for equipment cleanup. [District NSR Rule; District Rule 4684, 5.2], [Federally Enforceable Through Title V]
8. All polyester resin materials, cleaning materials, and other VOC-containing materials shall be stored in closed containers. [District Rule 4684, 5.3.1], [Federally Enforceable Through Title V]
9. Self-closing containers shall be used for the disposal of all uncured polyester resin materials, cleaning materials, and any unused VOC-containing materials, in a manner so as to effectively control VOC emissions. [District Rule 4684, 5.3.2], [Federally Enforceable Through Title V]
10. Particulate matter (PM-10) emissions shall not exceed 5.8 lb/day. [District NSR Rule], [Federally Enforceable Through Title V]
11. Volatile organic compound (VOC) emissions shall not exceed 104.0 lb/day (97.0 lb/day for this unit's tank shell forming/strap molding operations and 7.0 lb/day for this unit's resin receiving & storage.) [District NSR Rule], [Federally Enforceable Through Title V]
12. Permittee shall maintain daily records of amount of mixed resin used, raw resin styrene content, and mixed resin composition. [District NSR Rule; District Rule 4684, 6.1.1.1 & 6.1.1.2], [Federally Enforceable Through Title V]
13. Permittee shall maintain records of VOC content of cleanup solvent. [District NSR Rule; District Rule 4684, 6.1.1.3], [Federally Enforceable Through Title V]
14. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District NSR Rule; District Rule 2520, 9.5.2; District Rule 4684, 6.1.2], [Federally Enforceable Through Title V]
15. The monomer content of uncatalyzed resin materials shall be determined every 5 years and whenever a new type of resin is used, using ASTM D-2369 (Standard Test Method for Volatile Content of Coatings) or SCAQMD Test Method 312. [District Rule 4684, 6.2], [Federally Enforceable Through Title V]
16. Ventilation system shall be inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. Exhaust filters shall be inspected annually for tears, scuffs, abrasions, or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District 2520, 9.4.2], [Federally Enforceable Through Title V]
18. At least one spare exhaust filter shall be maintained on the premises at all times. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

19. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
20. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
21. The VOC emissions rate during fabrication shall be calculated and recorded annually as a percentage of the weight loss of styrene monomer in the resin. Every 5 years and whenever a new type of resin is used, the weight loss shall be determined by SCAQMD Method 309. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
22. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of Kern County Rules 404, 404.1 and 405 and SJVUAPCD Rules 4201, 4202, 4603, 4661 and 4684. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
23. Visible emissions shall be checked weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
24. Particulate matter emissions shall not exceed the hourly rate calculated in District Rule 4202 (amended December 17, 1992) using the equation $E=3.59 \cdot P^{0.62}$: where P is process weight in tons/per hour. [District Rule 4202]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-1810-2-5

EXPIRATION DATE: 05/31/2004

EQUIPMENT DESCRIPTION:

131.5 HP FIBERGLASS TANK SHELL PRODUCTION OPERATION, LINE NO. 2, INCLUDING TWO TANK/END CAP FORMING MACHINES, MATERIAL APPLICATION EQUIPMENT, RESIN HANDLING SYSTEM, AND TANK FORMING MACHINES' VAPOR VENTILATION SYSTEM

PERMIT UNIT REQUIREMENTS

1. Ventilation system shall consist of a 30,000 cfm blower (shared with S-1810-3) and three hoods, one at each mandrel, equipped with dampers and exhaust gas filters, and one serving end cap liner system (S-1810-3). [District NSR Rule], [Federally Enforceable Through Title V]
2. Mixed resin for tank manufacturing line #2 shall contain no more than 11,950 lb/day of raw resin w/ 45% +/- 2% styrene. Resins used shall be low VOC specialty resins as defined in District Rule 4684 (Adopted 5/19/94). [District NSR Rule; District Rule 4684, 5.1], [Federally Enforceable Through Title V]
3. Mixed resin for permit units S-1810-1, -2, -3, and -4 combined shall contain no more than 680 lb/day of peroxide catalyst, 111 lb/day of cobalt, 17,365 lb/day sand, and 24,428 lb/day of glass. [District NSR Rule], [Federally Enforceable Through Title V]
4. Resin for tank wall forming shall only be poured onto mandrels. [District NSR Rule], [Federally Enforceable Through Title V]
5. Stored resin shall not be heated above 90 degrees F. [District NSR Rule], [Federally Enforceable Through Title V]
6. Only airless spray guns shall be utilized for spray application of polyester resin. [District NSR Rule; District Rule 4684, 5.1.2], [Federally Enforceable Through Title V]
7. Only water-based solvents containing no volatile organic compounds shall be used for equipment cleanup. [District NSR Rule; District Rule 4684, 5.2], [Federally Enforceable Through Title V]
8. All polyester resin materials, cleaning materials, and other VOC-containing materials shall be stored in closed containers. [District Rule 4684, 5.3.1], [Federally Enforceable Through Title V]
9. Self-closing containers shall be used for the disposal of all uncured polyester resin materials, cleaning materials, and any unused VOC-containing materials, in a manner so as to effectively control VOC emissions. [District Rule 4684, 5.3.2], [Federally Enforceable Through Title V]
10. Particulate matter (PM-10) emissions shall not exceed 17.8 lb/day. [District NSR Rule], [Federally Enforceable Through Title V]
11. Volatile organic compound (VOC) emissions shall not exceed 98.5 lb/day (91.5 lb/day for this unit's tank shell forming/strap molding operations and 7.0 lb/day for this unit's resin receiving & storage.) [District NSR Rule], [Federally Enforceable Through Title V]
12. Permittee shall maintain daily records of amount of mixed resin used, raw resin styrene content, and mixed resin composition. [District NSR Rule; District Rule 4684, 6.1.1.1 & 6.1.1.2], [Federally Enforceable Through Title V]
13. Permittee shall maintain records of VOC content of cleanup solvent. [District NSR Rule; District Rule 4684, 6.1.1.3], [Federally Enforceable Through Title V]
14. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District NSR Rule; District Rule 2520, 9.5.2; District Rule 4684, 6.1.2], [Federally Enforceable Through Title V]
15. The monomer content of uncatalyzed resin materials shall be determined every 5 years and whenever a new type of resin is used, using ASTM D-2369 (Standard Test Method for Volatile Content of Coatings) or SCAQMD Test Method 312. [District Rule 4684, 6.2], [Federally Enforceable Through Title V]
16. Ventilation system shall be inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. Exhaust filters shall be inspected annually for tears, scuffs, abrasions, or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District 2520, 9.4.2], [Federally Enforceable Through Title V]
18. At least one spare exhaust filter shall be maintained on the premises at all times. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

19. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
20. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
21. The VOC emissions rate during fabrication shall be calculated and recorded annually as a percentage of the weight loss of styrene monomer in the resin. Every 5 years and whenever a new type of resin is used, the weight loss shall be determined by SCAQMD Method 309. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
22. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of Kern County Rules 404, 404.1 and 405 SJVUAPCD Rules 4201, 4202, 4603, 4661 and 4684. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
23. Visible emissions shall be checked weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
24. Particulate matter emissions shall not exceed the hourly rate calculated in District Rule 4202 (amended December 17, 1992) using the equation $E=3.59 \cdot P^{0.62}$: where P is process weight in tons/per hour. [District Rule 4202]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-1810-3-5

EXPIRATION DATE: 05/31/2004

EQUIPMENT DESCRIPTION:

END CAP LINER MOLDING OPERATION FOR FIBERGLASS TANK SHELLS, INCLUDING THREE ROTATING STEEL MOLDS (4', 6', & 8' DIAMETER END CAPS), MATERIAL APPLICATION SYSTEM, AND END CAP LINER VAPOR VENTILATION SYSTEM SHARED WITH S-1810-2

PERMIT UNIT REQUIREMENTS

1. Ventilation system shall consist of a 30,000 cfm blower (shared with S-1810-2) and three hoods, one at each mandrel, equipped with dampers and exhaust gas filters, and one serving end cap liner system (S-1810-2). [District NSR Rule], [Federally Enforceable Through Title V]
2. Mixed resin for tank end cap liner molding operation shall contain no more than 550 lb/day of raw resin w/ 45% +/- 2% styrene. Resins used shall be low VOC specialty resins as defined in District Rule 4684 (Adopted 5/19/94). [District NSR Rule; District Rule 4684, 5.1], [Federally Enforceable Through Title V]
3. Mixed resin for permit units S-1810-1, -2, -3, and -4 combined shall contain no more than 680 lb/day of peroxide catalyst, 111 lb/day of cobalt, 17,365 lb/day sand, and 24,428 lb/day of glass. [District NSR Rule], [Federally Enforceable Through Title V]
4. Only airless spray guns shall be utilized for spray application of polyester resin. [District NSR Rule; District Rule 4684, 5.1.2], [Federally Enforceable Through Title V]
5. Only water-based solvents containing no volatile organic compounds shall be used for equipment cleanup. [District NSR Rule; District Rule 4684, 5.2], [Federally Enforceable Through Title V]
6. All polyester resin materials, cleaning materials, and other VOC-containing materials shall be stored in closed containers. [District Rule 4684, 5.3.1], [Federally Enforceable Through Title V]
7. Self-closing containers shall be used for the disposal of all uncured polyester resin materials, cleaning materials, and any unused VOC-containing materials, in a manner so as to effectively control VOC emissions. [District Rule 4684, 5.3.2], [Federally Enforceable Through Title V]
8. Particulate matter (PM-10) emissions shall not exceed 0.5 lb/day. [District NSR Rule], [Federally Enforceable Through Title V]
9. Volatile organic compound (VOC) emissions shall not exceed 5.5 lb/day. [District NSR Rule], [Federally Enforceable Through Title V]
10. Permittee shall maintain daily records of amount of mixed resin used, raw resin styrene content, and mixed resin composition. [District NSR Rule; District Rule 4684, 6.1.1.1 & 6.1.1.2], [Federally Enforceable Through Title V]
11. Permittee shall maintain records of VOC content of cleanup solvent. [District NSR Rule; District Rule 4684, 6.1.1.3], [Federally Enforceable Through Title V]
12. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District NSR Rule; District Rule 2520, 9.5.2; District Rule 4684, 6.1.2], [Federally Enforceable Through Title V]
13. The monomer content of uncatalyzed resin materials shall be determined every 5 years and whenever a new type of resin is used, using ASTM D-2369 (Standard Test Method for Volatile Content of Coatings) or SCAQMD Test Method 312. [District Rule 4684, 6.2], [Federally Enforceable Through Title V]
14. Ventilation system shall be inspected annually for evidence of particulate matter breakthrough and repaired as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Exhaust filters shall be inspected annually for tears, scuffs, abrasions, or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District 2520, 9.4.2], [Federally Enforceable Through Title V]
16. At least one spare exhaust filter shall be maintained on the premises at all times. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
18. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]

Initial TV Permit

19. The VOC emissions rate during fabrication shall be calculated and recorded annually as a percentage of the weight loss of styrene monomer in the resin. Every 5 years and whenever a new type of resin is used, the weight loss shall be determined by SCAQMD Method 309. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
20. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of Kern County Rules 404, 404.1 and 405 and SJVUAPCD Rules 4201, 4202, 4603, 4661 and 4684. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
21. Visible emissions shall be inspected weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
22. Visible emissions shall be checked weekly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
23. Particulate matter emissions shall not exceed the hourly rate calculated in District Rule 4202 (amended December 17, 1992) using the equation $E = 3.59 \cdot P^{0.62}$: where P is process weight in tons/per hour. [District Rule 4202]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-1810-4-5

EXPIRATION DATE: 05/31/2004

EQUIPMENT DESCRIPTION:

FIBERGLASS TANK SHELL FINAL ASSEMBLY AREA #1, INCLUDING HAND LAY-UP RESIN AND GLASS APPLICATION EQUIPMENT

PERMIT UNIT REQUIREMENTS

1. Mixed resin for tank end cap liner molding operation shall contain no more than 2,500 lb/day of raw resin w/ 45% +/- 2% styrene. Resins used shall be low VOC specialty resins as defined in District Rule 4684 (Adopted 5/19/94). [District NSR Rule; District Rule 4684, 5.1], [Federally Enforceable Through Title V]
2. Mixed resin for permit units S-1810-1, -2, -3, and -4 combined shall contain no more than 680 lb/day of peroxide catalyst, 111 lb/day of cobalt, 17,365 lb/day sand, and 24,428 lb/day of glass. [District NSR Rule], [Federally Enforceable Through Title V]
3. Only hand lay-up of styrene resin shall be performed (no spraying or pouring). [District NSR Rule; District Rule 4684, 5.1.2], [Federally Enforceable Through Title V]
4. Only water-based solvents containing no volatile organic compounds shall be used for equipment cleanup. [District NSR Rule; District Rule 4684, 5.2], [Federally Enforceable Through Title V]
5. All polyester resin materials, cleaning materials, and other VOC-containing materials shall be stored in closed containers. [District Rule 4684, 5.3.1], [Federally Enforceable Through Title V]
6. Self-closing containers shall be used for the disposal of all uncured polyester resin materials, cleaning materials, and any unused VOC-containing materials, in a manner so as to effectively control VOC emissions. [District Rule 4684, 5.3.2], [Federally Enforceable Through Title V]
7. Volatile organic compound (VOC) emissions shall not exceed 25.0 lb/day. [District NSR Rule], [Federally Enforceable Through Title V]
8. Permittee shall maintain daily records of amount of mixed resin used, raw resin styrene content, and mixed resin composition. [District NSR Rule; District Rule 4684, 6.1.1.1 & 6.1.1.2], [Federally Enforceable Through Title V]
9. Permittee shall maintain records of VOC content of cleanup solvent. [District NSR Rule; District Rule 4684, 6.1.1.3], [Federally Enforceable Through Title V]
10. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District NSR Rule; District Rule 2520, 9.5.2; District Rule 4684, 6.1.2], [Federally Enforceable Through Title V]
11. The monomer content of uncatalyzed resin materials shall be determined every 5 years and whenever a new type of resin is used, using ASTM D-2369 (Standard Test Method for Volatile Content of Coatings) or SCAQMD Test Method 312. [District Rule 4684, 6.2], [Federally Enforceable Through Title V]
12. The VOC emissions rate during fabrication shall be calculated and recorded annually as a percentage of the weight loss of styrene monomer in the resin. Every 5 years and whenever a new type of resin is used, the weight loss shall be determined by SCAQMD Method 309. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
13. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements SJVUAPCD Rule 4201, 4202, 4603, 4661 and 4684. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]
14. Particulate matter emissions shall not exceed the hourly rate calculated in District Rule 4202 (amended December 17, 1992) using the equation $E=3.59 \cdot P^{0.62}$: where P is process weight in tons/per hour. [District Rule 4202]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-1810-5-2

EXPIRATION DATE: 05/31/2004

EQUIPMENT DESCRIPTION:

FIBERGLASS TANK SHELL FINAL ASSEMBLY AREA #2, INCLUDING HAND LAY-UP RESIN AND GLASS APPLICATION EQUIPMENT

PERMIT UNIT REQUIREMENTS

1. Operation shall comply with Rule 4684 Polyester Resin Operations. []
2. Mixed resin shall contain no more than 37,100 lb/day of raw resin with 45% +/- 2% styrene, 680 lb/day of peroxide catalyst, 111 lb/day of cobalt, 17,365 lb/day sand, and 21,154 lb/day of glass for Permit Nos. S-1810-1 to S-1810-5. []
3. Solvent usage shall not exceed 33-1/3 gallons/day of methyl ethyl ketone and 66-2/3 gallons/day of AP-73 (acetone/methylene chloride mixture) for Permit Nos. S-1810-1 to S-1810-5. []
4. Only hand lay-up of styrene resin shall be performed (no spraying or pouring). []
5. All fresh and spent organic solvents shall be stored in closed drums and disposed of at licensed disposal sites. []
6. Permittee shall maintain daily records of amount of solvents, peroxide catalyst, cobalt, sand, glass and raw resin with 45% +/- 2% styrene that is utilized by Permit Nos. S-1810-1 to S-1810-5. []
7. All records shall be retained for a minimum of 2 years, and shall be made available for District inspection upon request. [District Rule 1070]
8. Particulate matter (PM-10) emissions shall not exceed 0.00 lb/day for this unit and 23.52 lb/day for a combination of Permit Nos. S-1810-1 to S-1810-5. []
9. Volatile organic compound (VOC) emissions shall not exceed 371.0 lb/day for Permit Nos. S-1810-1 to S-1810-5 combined and 12.5 lb/day for this unit. []

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-1810-8-1

EXPIRATION DATE: 05/31/2004

EQUIPMENT DESCRIPTION:

TANK COATING OPERATION WITH HVLP GUNS, ENCLOSED GUN CLEANER AND WATER WASH CONTROL SYSTEM

PERMIT UNIT REQUIREMENTS

1. All painting shall be conducted in an enclosed booth with water wash control system operating. [District NSR Rule; District Rule 4201], [Federally Enforceable Through Title V]
2. VOC emissions from this operation shall not exceed 100 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
3. Combined VOC emissions from S-1810-8 and S-1810-9 shall not exceed 136 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
4. Combined PM10 emissions from S-1810-8 and S-1810-9 shall not exceed 45 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
5. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
6. No coating, except as otherwise stated, with a VOC content in excess of the limits, expressed as grams of VOC per liter of coating applied (less water and exempt compounds), listed in District Rule 4603, 5.1 (as Amended 5/20/93), shall be used. [District Rule 4603, 5.1], [Federally Enforceable Through Title V]
7. No specialty coating with a VOC content in excess of the limits, expressed as grams of VOC per liter of coating applied (less water and exempt compounds), listed in District Rule 4603, 5.2 (as Amended 5/20/93), shall be used. [District Rule 4603, 5.2], [Federally Enforceable Through Title V]
8. The permittee shall only use solvents with a VOC content of less than 200 grams of VOC per liter of material for cleanup and surface preparation, excluding cleaning of coating application equipment. [District Rule 4603, 5.4.1], [Federally Enforceable Through Title V]
9. Closed, non-absorbent containers shall be used for storage and disposal of all solvent-laden cloth or paper. [District Rule 4603, 5.4.2], [Federally Enforceable Through Title V]
10. All fresh or spent solvents, coatings, adhesives, catalysts, and thinners shall be stored in closed containers. [District Rule 4603, 5.4.3], [Federally Enforceable Through Title V]
11. The permittee shall not use VOC-containing materials for spray equipment clean-up unless an enclosed system or equipment proven to be equally effective is used for cleaning. An enclosed system must enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, and draining procedures. [District Rule 4603, 5.4.4], [Federally Enforceable Through Title V]
12. The permittee shall not paint metal parts with any coating application equipment unless one of the methods listed under section 5.5 of District Rule 4603 (amended 5/20/93) is used. [District Rule 4603, 5.5], [Federally Enforceable Through Title V]
13. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District NSR Rule], [Federally Enforceable Through Title V]
14. No person shall solicit or require for use or specify the application of a coating subject to District Rule 4603 (amended 5/20/93), if such use or application results in a violation of any of the provisions of this rule. The prohibition shall apply to all written and oral contracts under the terms of which any coating is to be applied to any metal part or product at any physical location within the District. [District Rule 4603, 5.6], [Federally Enforceable Through Title V]
15. Each container or accompanying data sheet of any coating shall display the maximum VOC content of the coating, as applied, and after any thinning recommended by the manufacturer. For determination of compliance and enforcement, the VOC content of any coating determined to exceed its applicable limit shall constitute a violation. [District Rule 4603, 6.1], [Federally Enforceable Through Title V]
16. The operator shall maintain a daily record of the volume of coatings and solvents applied, volume coating/solvent mix ratio, VOC content and chemical constituents of coatings as applied, VOC content and chemical constituents of solvents used for surface preparation and clean up, and the total quantity of VOC emitted in pounds. [District Rule 4603, 6.2; District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. VOC content of any coating shall be determined through the use of product formation data based on the specific amount of VOC used in formulating the material or determined through analysis by EPA Method 24, on an annual basis. [District Rule 4603, 6.1 & 6.3], [Federally Enforceable Through Title V]

Initial TV Permit

18. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 4603, 6.2.3; District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
19. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of Kern County Rules 404 and 404.1 and SJVUAPCD Rule 4201 and 4603. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: S-1810-9-1

EXPIRATION DATE: 05/31/2004

EQUIPMENT DESCRIPTION:

TANK COATING OPERATION WITH HVLP GUNS, ENCLOSED GUN CLEANER AND WATER WASH CONTROL SYSTEM

PERMIT UNIT REQUIREMENTS

1. All painting shall be conducted in an enclosed booth with water wash control system operating. [District NSR Rule; District Rule 4201], [Federally Enforceable Through Title V]
2. VOC emissions from this operation shall not exceed 100 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
3. Combined VOC emissions from S-1810-8 and S-1810-9 shall not exceed 136 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
4. Combined PM10 emissions from S-1810-8 and S-1810-9 shall not exceed 45 pounds per day. [District NSR Rule], [Federally Enforceable Through Title V]
5. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
6. No coating, except as otherwise stated, with a VOC content in excess of the limits, expressed as grams of VOC per liter of coating applied (less water and exempt compounds), listed in District Rule 4603, 5.1 (as Amended 5/20/93), shall be used. [District Rule 4603, 5.1], [Federally Enforceable Through Title V]
7. No specialty coating with a VOC content in excess of the limits, expressed as grams of VOC per liter of coating applied (less water and exempt compounds), listed in District Rule 4603, 5.2 (as Amended 5/20/93), shall be used. [District Rule 4603, 5.2], [Federally Enforceable Through Title V]
8. The permittee shall only use solvents with a VOC content of less than 200 grams of VOC per liter of material for cleanup and surface preparation, excluding cleaning of coating application equipment. [District Rule 4603, 5.4.1], [Federally Enforceable Through Title V]
9. Closed, non-absorbent containers shall be used for storage and disposal of all solvent-laden cloth or paper. [District Rule 4603, 5.4.2], [Federally Enforceable Through Title V]
10. All fresh or spent solvents, coatings, adhesives, catalysts, and thinners shall be stored in closed containers. [District Rule 4603, 5.4.3], [Federally Enforceable Through Title V]
11. The permittee shall not use VOC-containing materials for spray equipment clean-up unless an enclosed system or equipment proven to be equally effective is used for cleaning. An enclosed system must enclose spray guns, cups, nozzles, bowls, and other parts during washing, rinsing, and draining procedures. [District Rule 4603, 5.4.4], [Federally Enforceable Through Title V]
12. The permittee shall not paint metal parts with any coating application equipment unless one of the methods listed under section 5.5 of District Rule 4603 (amended 5/20/93) is used. [District Rule 4603, 5.5], [Federally Enforceable Through Title V]
13. Permittee shall demonstrate that HVLP guns manufactured prior to 1/1/96 operate between 0.1 and 10 psig air atomizing pressure, by manufacturer's published technical material or by use of a certified air pressure tip gauge. [District Rule 4603, 5.5 and 2520, 9.4.2], [Federally Enforceable Through Title V]
14. No person shall solicit or require for use or specify the application of a coating subject to District Rule 4603 (amended 5/20/93), if such use or application results in a violation of any of the provisions of this rule. The prohibition shall apply to all written and oral contracts under the terms of which any coating is to be applied to any metal part or product at any physical location within the District. [District Rule 4603, 5.6], [Federally Enforceable Through Title V]
15. Each container or accompanying data sheet of any coating shall display the maximum VOC content of the coating, as applied, and after any thinning recommended by the manufacturer. For determination of compliance and enforcement, the VOC content of any coating determined to exceed its applicable limit shall constitute a violation. [District Rule 4603, 6.1], [Federally Enforceable Through Title V]
16. The operator shall maintain a daily record of the volume of coatings and solvents applied, volume coating/solvent mix ratio, VOC content and chemical constituents of coatings as applied, VOC content and chemical constituents of solvents used for surface preparation and clean up, and the total quantity of VOC emitted in pounds. [District Rule 4603, 6.2; District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. VOC content of any coating shall be determined through the use of product formation data based on the specific amount of VOC used in formulating the material or determined through analysis by EPA Method 24, on an annual basis. [District Rule 4603, 6.1 & 6.3], [Federally Enforceable Through Title V]

Initial TV Permit

18. Operator shall maintain all records for at least five years and conform to the recordkeeping requirements described in District Rule 2520. [District Rule 4603, 6.2.3; District Rule 2520, 9.5.2], [Federally Enforceable Through Title V]
19. Compliance with permit conditions in the Title V permit shall be deemed compliance with the requirements of Kern County Rules 404 and 404.1 and SJVUAPCD Rule 4201. A permit shield is granted from these requirements. [District Rule 2520, 13.2], [Federally Enforceable Through Title V]

Initial TV Permit